

Turtle Islands



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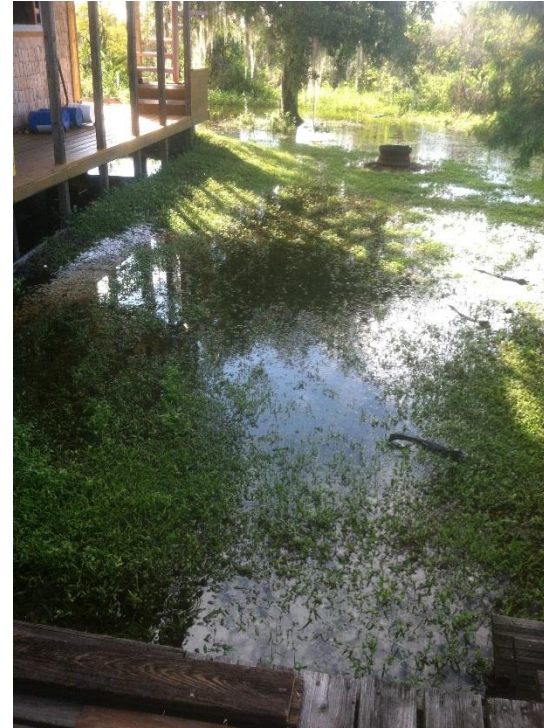
Arial picture of Old Glory camp in Area-2A



Variances in water level.....



Old Glory during the dry season



Old Glory when the water is high

Because of the variances in the water level - a floating “land” will be the best option to help the turtle population.

Floating island for turtles to lay their eggs



These are model island's that have already been created for wildlife in other areas throughout the world.

These islands are constructed of durable, non-toxic, post-consumer plastics and are vegetated with native plants. The research and back up data show how successful the islands are.



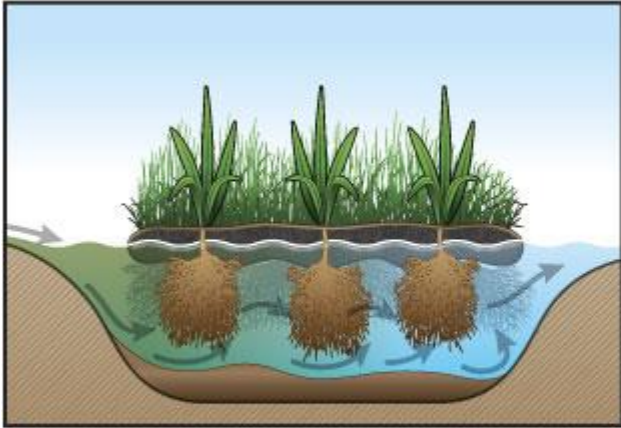
Habitat Management- Customized to suit the unique feeding, nesting and protection needs of specific species, floating islands have been commissioned as habitats for many types of birds, otters, turtles and frogs.

Water Quality- With added aeration they are very effective at removing pollutants such as nitrates and ammonia, and increasing the dissolved oxygen in a water body. The surface area of the floating island naturally attracts microbes which cleans the water and turns unwanted nutrients into fish food.

Glades Restoration- Floating islands are a powerful tool in restoring the environmental health affected by loss of wetlands. They are an affordable option for reversing the unpleasant side effects of water pollution and restoring the glades to a healthy thriving state.

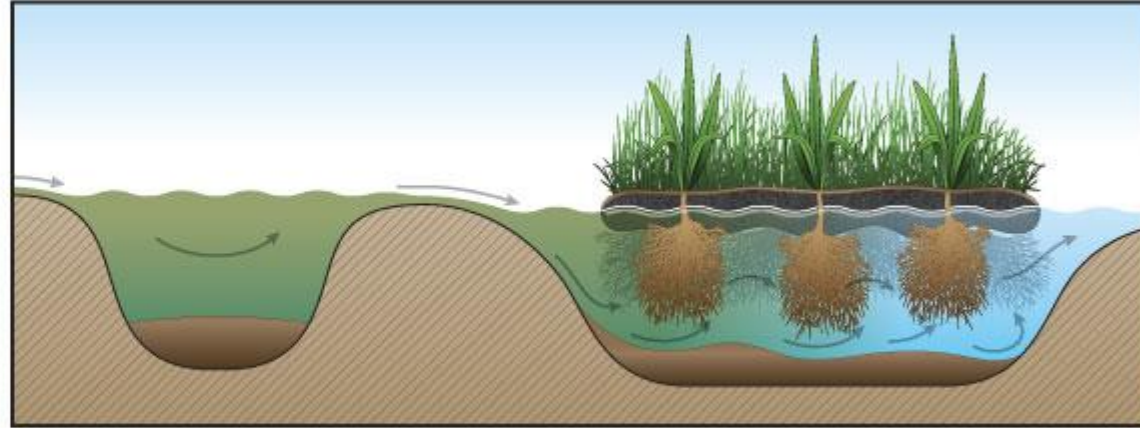
Beautification & Structures- Built to any size and buoyancy, and vegetated with virtually any type of plant, there are almost limitless opportunities for creating a unique waterscape.

Host pond with FTW Island



The two key factors to mimicking the Wetland Effect are circulation and surface area, both of which are eco-orchestrated with BioHaven FTWs.

Host pond with FTW Island connected to an optional Sedimentation Basin



OPTIONAL SEDIMENTATION BASIN
(coarse sediment removal)

FLOATING TREATMENT WETLAND
(removal of fine particulates, metals, denitrification)

These islands would not only benefit the turtles and other animals that will use the floating habitat's, but its also helps the water quality based on the plants that are used. These islands could be beneficial in all of the WCA's.

Where do we go from here?

- 1.Approval
- 2.Design
- 3.Funding
- 4.Maintenance Plan

Questions?